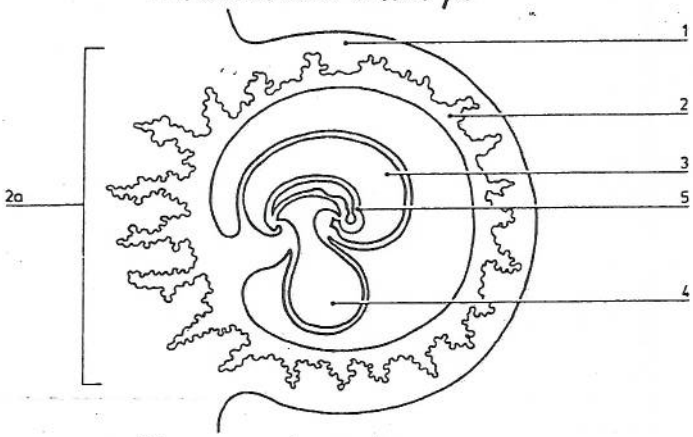
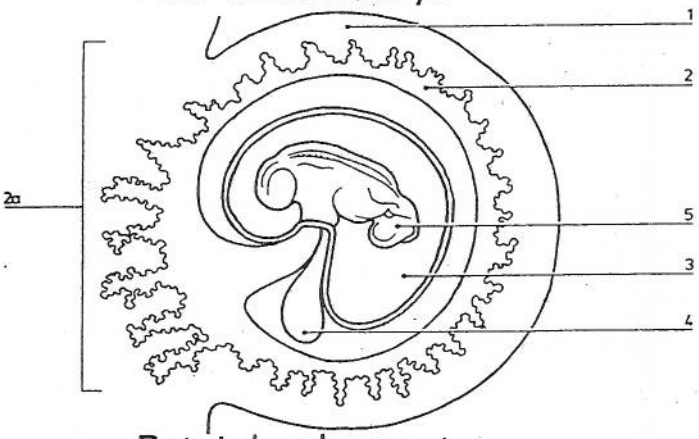
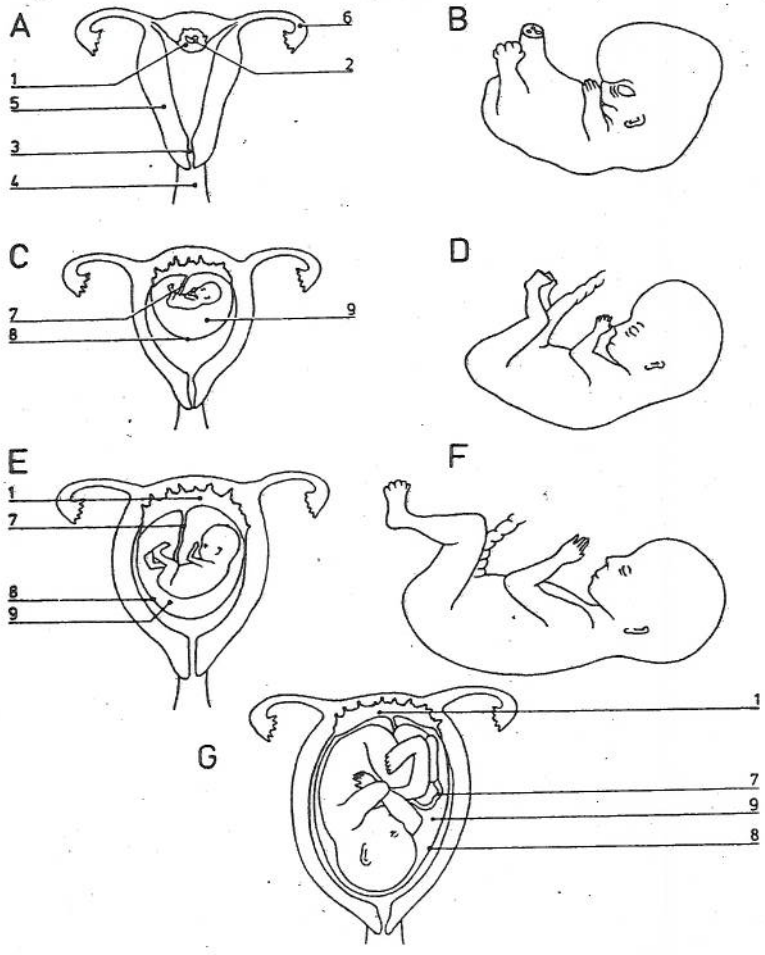
Three week embryo



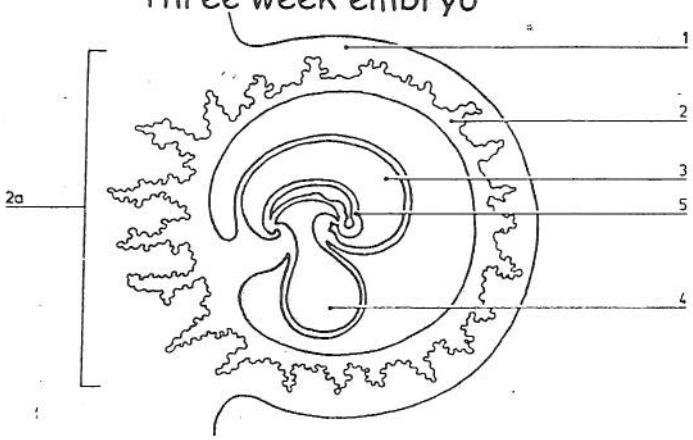
Four week embryo



Fetal development



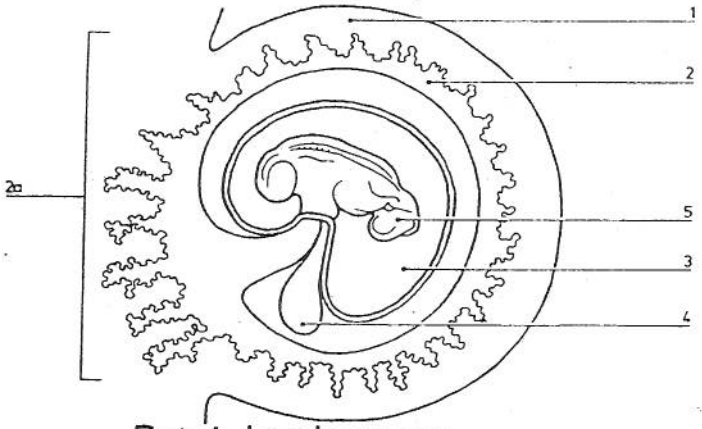
Three week embryo



1. uterus
2. chorion (trophoblast)
3. amniotic cavity
4. yolk sac
5. embryo

As the cells surrounding the embryo grow they form a membrane called the chorion. The chorion forms many small, fingerlike projections called chorionic villa through which food, oxygen and waste are exchanged with the mother. The area where the chorionic villa meet the maternal blood supply is called the placenta.

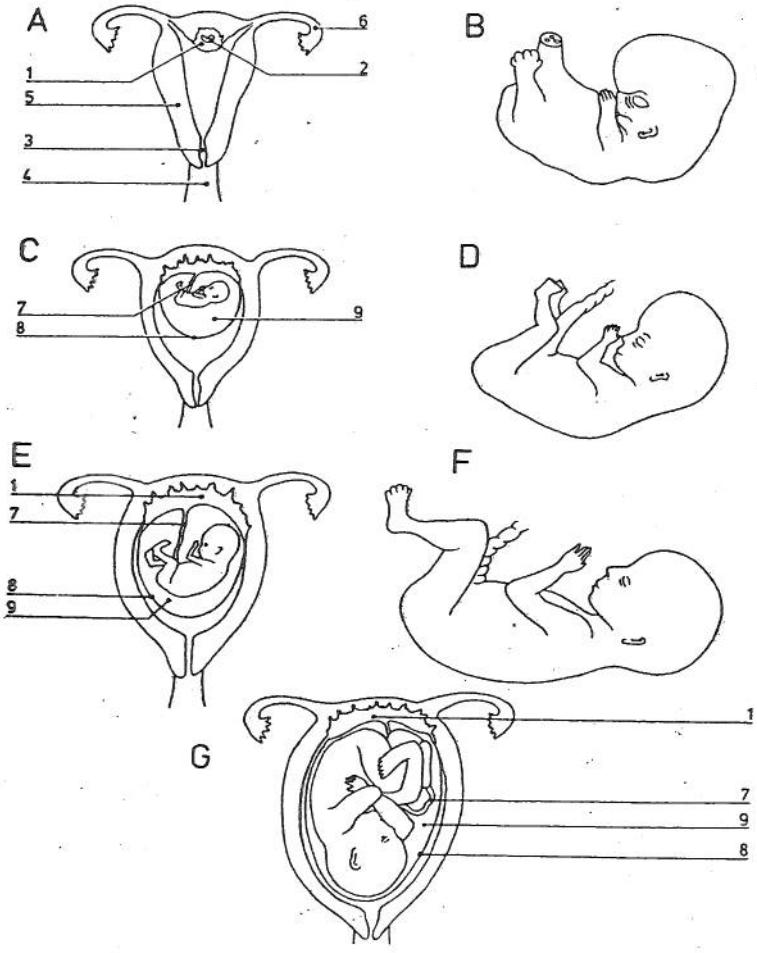
Four week embryo



1. uterine wall
2. chorion
3. amniotic cavity
4. yolk sac
5. embryo

Four Membranes:
1. chorion : forms placenta with allantois
2. allantois: forms placenta with chorion
3. amnion: forms a fluid filled cavity
4. yolk sac: almost absent in placental mammals

Fetal development



1. placenta
2. fetus
5. uterus
6. fallopian tube
7. umbilical cord
8. amnion
9. amniotic fluid

A. uterus at 6-8 weeks
B. embryo at 6-8 weeks
C. uterus at 10 weeks
D. fetus at 10 weeks
E. uterus at 20 weeks
F. fetus at 20 weeks
G. fetus at 36-40 weeks